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DEPARTMENT OF THE NAVY  
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WASHINGTON, DC 20350-2000

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OPNAVNOTE 3042  
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OPNAV NOTICE 3042

From: Chief of Naval Operations

Subj: DEPARTMENT OF THE NAVY COMMUNICATIONS ARCHITECTURE FOR  
NUCLEAR WEAPONS INCIDENT RESPONSE

Ref: (a) OPNAVINST 3440.15E

Encl: (1) Emergency Response Communications Architecture  
(2) Communications Matrix

1. Purpose. To establish and ensure standardization of communications systems and processes used throughout the Navy nuclear weapons incident (NWI) response enterprise per reference (a).
2. Background. Communication support for an NWI is complex and requires interoperability with response forces of varying capabilities. Communication becomes particularly challenging when an NWI occurs on an Submersible Ship Ballistic Nuclear (SSBN) at sea due to extremely limited communications connectivity to shore. The scope of communications and collaboration includes various processes to conduct notification and information sharing with higher headquarters, response forces and interagency partners as the situation dictates. The use of common supported enterprise systems by the Department of Defense (DoD) and the Department of the Navy (DON) is required to provide an enduring communication architecture that supports local, Service level and National level collaboration.
3. Scope and Applicability. This notice is applicable to all DON operations centers responsible for directing, coordinating or supporting an NWI response.
4. Policy. It is DON policy to have a common and unified NWI response communications structure. This structure should incorporate reliable secure and non-secure telephonic voice, radio and computer systems (chat and collaboration functionality) used in support of NWI response operations. Enclosure (1) establishes a detailed emergency response communications architecture.

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a. This notice does not prohibit the local installations' or units' use of local and regional systems (e.g., enterprise land mobile radios, ship-to-shore radios, air-to-ground radios, Law Enforcement Enterprise Portal) during an NWI response.

b. The response forces must continually assess communications requirements and identify shortfalls, which may affect an NWI response.

5. Action. All DON operations centers identified in enclosure (2) will ensure the communications systems described in paragraphs 5a through 5c are available and used as outlined in enclosures (1) and (2), when applicable.

a. Telecommunications Services.

(1) Defense Red Switch Network (DRSN). National Military Command Center (NMCC) National Joint Operations Intelligence Center (NJOIC) Deputy Director of Operations uses DRSN to rapidly dial out to all Federal Agencies to conduct Initial Notification and National Event Conference Calls, including the Navy's Response Task Forces (RTF) and, if a Navy custody event, the Initial Response Force (IRF).

(2) Secure and Non-Secure Telephones. Secure telephones are telephones capable of operating, at a minimum, up to either SECRET, Restricted Data or Controlled Nuclear Weapons Design Information (SECRET, RD or CNWDI) level.

(3) Secure Video Teleconferencing (SVTC). SVTC provides face-to-face classified communications for response force personnel and DON operations centers.

b. Navy Command, Control, Communications, Computers and Intelligence (C4I) Suite Portal. The Navy C4I suite portal is a collaboration tool that resides on both the Non-classified Internet Protocol Router Network (NIPRNET) and the Secret Internet Protocol Router Network (SIPRNET). It is a command and control (C2) and incident management tool used for both administrative and incident management purposes.

(1) The Navy C4I suite portal features chat and file sharing and includes geospatial tools that provide near real-time common operational picture development via One Clear Picture.

(2) The Navy C4I suite portal enables the Incident Commander, higher headquarters and all responders to obtain and maintain situational awareness while providing the ability to communicate in real-time.

(3) Any DoD Common Access Card holder may request a NIPRNET or SIPRNET account using the Commander, Navy Installations Command (CNIC) links:  
<https://c4isuite.atfp.cnic.navy.mil/> or <https://c4isuite.atfp.cnic.navy.smil.mil/>.

c. Defense Collaboration Services (DCS) and Chat Services. DCS provides web conferencing and chat instant messaging services on NIPRNET and SIPRNET. DCS web conferencing is a web-based collaborative tool (i.e., it supports voice, slide show presentation, desktop sharing and whiteboard functionality). Personnel can access the web client version via the links in paragraph 5c(1).

(1) A DCS web conferencing NIPRNET account is required prior to establishing a DCS SIPRNET account. Access can be requested through the links:

NIPRNET: <https://disa.deps.mil/disa/org/ES7/DCS/SitePages/Home.aspx/>.  
SIPRNET: <https://disa.deps.smil.mil/>.

(2) Several chat services (e.g., TransVerse, DCS Mobile Webclient, ChatSurfer) are approved for both NIPRNET and SIPRNET computers. Chat services are linked through specific chat rooms. Microsoft Edge or Google Chrome web browsers provide optimal performance.

(a) ChatSurfer:

NIPRNET: <https://chatsurfer.nro.mil/#/>.  
SIPRNET: <https://chatsurfer.proj.nro.smil.mil/#/>.

(b) DCS Mobile Webclient:

NIPRNET: <https://chat.apps.mil>.  
SIPRNET: <https://chat.apps.smil.mil>.

6. Implementation. This notice is effective immediately. All DON operations centers identified in enclosure (2) must implement all actions in this notice as soon as practicable.

7. Records Management.

a. Records created as a result of this notice regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the Department of the Navy Assistant for Administration, Directives and Records Management Division portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-Management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

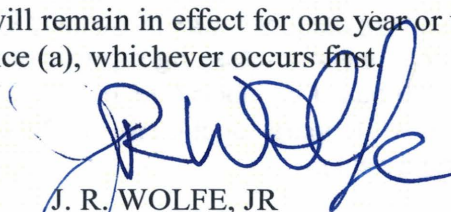
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b. For questions concerning the management of records related to this notice or the records disposition schedules, please contact the local records manager or the OPNAV Records Management Program (DNS-16).

8. Cancellation Contingency. This notice will remain in effect for one year or until incorporated into the next revision of reference (a), whichever occurs first.



J. R. WOLFE, JR  
Director, Naval Nuclear Weapons Program

**Releasability and distribution:**

This notice is not cleared for public release and is available electronically only via the OPNAV SharePoint Portal to users with common access card authorization, <https://portal.secnav.navy.mil/orgs/OPNAV/SitePages/Home.aspx> (choose the e-mail certificate) in the "OPNAV FOUO Directives" folder of the OPNAV File Library.

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EMERGENCY RESPONSE COMMUNICATIONS ARCHITECTURE

1. General. The ability to communicate effectively and efficiently during an event is critical; without communications, a Commander cannot C2. To ensure effective and efficient communication, Commanders responding to events involving nuclear weapons must follow the Communication Plan outlined in paragraph 2 of this enclosure.

2. Communication Plan.

a. Telecommunications. Operations centers must use telephone communications to provide initial notifications and during time critical needs. Operations centers will continue to use telephones until agencies involved in the response have initiated and are capable of communicating via alternative methods (e.g., "C4I NWI Response Site"). Telephone bridge lines are the most expedient and commonly used form of communication when multiple agencies are involved.

(1) For SSBN emergencies that could affect both nuclear weapons and the nuclear propulsion plant, operations centers must use the approved Naval Nuclear Propulsion Program (NNPP) unclassified bridge lines such as those identified in Table 1-1. This list is not inclusive of all NNPP bridge lines and only contains the commonly used bridge lines between the weapons and propulsion programs.

(2) For a shore-based NWI, operations centers must use the unclassified shore-based bridge lines identified in Table 1-1.

NNPP Bridges (SSBN Events)			NWI Ashore Bridges		
Bridge Name	Phone Number	Pass Code	Bridge Name	Phone Number	Pass Code
C2	P 518-831-7781 A 866-507-5761	20903# 445538#	C2	866-757-8126 S 757-836-2040	87032936# S-5216601# "SEND"
Logistics	P 866-790-3416 A 866-801-3776	6179879# 1001224#	Logistics Coordination	301-909-7351	62891363#
Public Affairs	P 518-831-7782 A 866-819-0698	05045# 8144789#	Public Affairs	866-782-0124	31416121#

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Engineering Tech	P 866-793-3813 A 877-923-7508	6258533# 9138448#	Engineering Tech	877-653-2306 S 757-836-2040	31288859# S-5216602# "SEND"
Environmental, Safety, & Health	P 877-914-4695 A 877-914-4697	9358989# 3773920#	Environmental, Safety, & Health	P 877-914-4695 A 877-914-4697	9358989# 3773920#
Liaison	P 877-718-2365 A 877-993-1334	7126322# 228473#	Liaison	P 877-718-2365 A 877-993-1334	7126322# 228473#
Civil Authorities	P 877-718-2408 A 866-810-5771	5277834# 181660#	Civil Authorities	P 877-718-2408 A 866-810-5771	5277834# 181660#

Table 1-1: Primary (P); Alternate (A); and Secure (S) NNPP Bridge Lines

Note: Transfer to secure bridges will be directed on the C2 and the corresponding unclassified bridge line.

(3) Operations centers must make primary contact with NJOIC, U.S. Northern Command (USNORTHCOM) and the Navy Operations Center (NOC) via chat, DRSN telephone or a Secure Terminal Equipment (STE) or equivalent telephone per OPNAVINST F3100.6 and USNORTHCOM CONPLAN 3405. When secure communications are not available, operations centers must use unclassified voice communications.

(a) NMCC and NJOIC Pinnacle Reporting Methods include:

Method	Chat Room and Number	DRSN	SIPRNET	NIPRNET
DCS Chat Services (TransVerse, ChatSurfer, etc.)	dod_njoic	Not Applicable	Primary	Secondary
Voice Phone				
Deputy Director of Operations (DDO)	703-695-0098	80-228-7104	Primary	
NMCC Assistant Deputy Director for Operations	703-695-0100	80-228-7105	Alternate	
NMCC Chief of Operations	703-693-8180	80-228-2689	Alternate	

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(b) USNORTHCOM voice communication methods, as needed to communicate with the Geographic Combatant Commander, when assigned by Secretary of Defense (SECDEF) include:

Desk	Commercial	DSN	DRSN
Emergency Action Controller	(719) 554-9100	692-9100	80-692-2066
N2C2 and CCD	(719) 554-6264	692-4784	80-692-2318
DCCD	(719) 554-2361	692-2361	
Maritime Desk	(719) 556-8735	692-8735	80-692-2314
Land Desk	(719) 554-2359	692-2359	80-692-2459
Air Desk	(719) 556-1659	834-1659	80-692-2342

(c) NOC contacts for NAVY BLUE Reporting Methods include:

Desk	Commercial	DRSN
Battle Watch Captain	703-692-9284	80-228-2525/2767
Assistant Battle Watch Captain	703-692-9283	
Generic Voice Report	703-692-2006	

b. Navy C4I Suite. Navy C4I is the primary NWI collaboration Web site. Response forces must use the Real World C4I suites. The Training C4I suite allows commands to conduct training and exercises. The Training Portal is only on the unclassified network.

NIPRNET: Real-World: <https://c4isuite.atfp.cnmc.navy.mil/>.  
Training: <https://c4isuite-training.atfp.cnmc.navy.mil/>.

SIPRNET: Real-World: <https://c4isuite.atfp.cnmc.navy.smil.mil/>.

c. DCS Chat Services and DCS Webinar.

(1) DCS Chat Services should be the primary tool for on-line communications between the USNORTHCOM, U.S. Naval Forces Northern Command (NAVNORTH) and the IRF or RTF, per USNORTHCOM CONPLAN 3405.

(2) DCS Chat Services must be used for response between DON commands and IRF or RTF on NIPRNET and SIPRNET if C4I chat systems fail. DON commands must follow guidance provided in NAVNORTH and USFFC CONPLAN 3405.



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(3) Operations centers may use DCS Webinar as an alternate method of establishing communications with organizations unable to access C4I or DCS Chat Services. DCS Webinar allows the initiator to send an internet Uniform Resource Locator (URL) to interagency partners that do not normally have access to DCS, which allows them to log in as guests. DCS Webinar is available on both NIPRNET and SIPRNET.

d. Persistent SVTC. USNORTHCOM may direct the establishment of a persistent SVTC between the RTF and the NAVNORTH. This is the primary method for USNORTHCOM to receive command-level updates from the RTF Commander. The supporting operation centers must be prepared to establish and participate in this SVTC, if directed. USNORTHCOM or NAVNORTH will determine if additional participants are required for this SVTC to support response efforts.



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## COMMUNICATIONS MATRIX

Communication Path		Type	Navy NWI Participating Operations Centers																
			Affected Ship	On Scene Incident Command	Strategic Weapons Facility, Atlantic (SWFLANT) Weapons Operation Center	(Commander Submarine Group) COMSUBGRU TEN Emergency Control	Navy Region Southeast Region Operations Center	Strategic Weapons Facility, Pacific (SWFPAC) Weapons Operation Center	Naval Base Kitsap (NBK) Bangor Emergency Operations Center	Puget Sound Naval Shipyard Emergency Control	Navy Region Northwest Region Operations Center	Norfolk Naval Shipyard	Commander Submarine Force Atlantic/Commander Submarine Force Pacific (CSL/CSP) Deputy Primary Commander Emergency Control Center	Navy Operations Center N-NOC	U. S. Fleet Forces Command (USFF) / Primary Commander/U. S. Navy North Command (NAV/NORTH) Fleet Command Center	Commander Naval Installation Commands (CNIC)	Strategic Systems Program Emergency Coordination Center	Naval Reactors (NAVSEA08) Emergency Coordination Center	Naval Sea Systems Command (NAVSEA) 00 Emergency Operations Center
X = SSBN Only NWI/Multi-Hazard S = Shore-Based Only NWI B = Both Shore/SSBN NWI @ = As needed/requested																			
1	Ship Data Link	Phone	X			X				X	X	X							
2	Ship Command Link	Phone	X	X		X				X	X	X							
3	Command and Control	Phone				B	B		B	X	B	X	X	B	B	B	X	X	X
4	Logistics Discussion	Phone				B	B			X	B	X	X		X	X	@	X	@
5	Public Affairs	Phone				B	B	S	B	X	B	X	X	@	X	X	B	X	@
6	Liaison Discussion	Phone				B				X	X	X	X		X		B	X	@
7	Civil Authorities	Phone				B				X	X	X							
8	Radiological Discussion	Phone				X				X	@	X	X				X	X	X
9	Engineering Technical Discussion	Phone				B		S		X	B	X	X		@	B	X	X	
10	Environmental Safety and Health	Phone				B	B			X	B	X	X		@	X	X	X	
11	Logistics On-Scene	Phone		X		X				X	X								
12	Unaffected Ship Support	Phone				X				X		X							
13	Radiological Data	Phone				X				X		X	X				X		X
14	Reactor Plant Data	Skype				X				X		X	X				X		X
15	Reactor Plant Discussion	Skype				X				X		X	X				X		X
A	Persistent SVTC	SVTC				B		@	@		B		X	@	X		@		@
B	NWI Response Site (C4I)	NIPRNET SIPRNET		S	B	B	B	S	B	X	B	X	B	B	B	B	X	X	X
C	CNIC FF Resources (C4I)	NIPRNET				X	B		B	X	X	X	@		X	@	X	X	
D	NAVSEA Firefighting Principles (C4I)	NIPRNET				X	X		X	X	X	X	X			X	X	X	X
E	Transverse Chat	SIPRNET				@	@			@		@	B	@	@				
F	DRSN Capable	DRSN				Y	Y	Y			Y		Y	Y			Y		
G	National Event Conference					B		S			B			B	B	@	X		

Enclosure (2)

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